

**State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas  
Well Operator's Report of Well Work**

API # 4709101213

*Log & Deviation Surveys attached.*

Farm Name Robert P. & Shirley J. Turoczy  
 Location Elevation 1420  
 District Unknown  
 Latitude Degree 39 Minutes 20 Seconds 00  
 Longitude West Degree 80 Minutes 07 Seconds 30

Well Number 513128  
 QUAD Rosemont  
 County Taylor, WV  
 WV

Company EQT Plaza  
 Suite 1700  
 625 Liberty Avenue  
 Pittsburgh, Pa 15222

Longitude 39.31632  
 Latitude -80.16281

		<u>Casing &amp; Tubing Size</u>	<u>Used In Drilling</u>	<u>Left in Well</u>	<u>Cement Cubic FT</u>
Agent	<u>Cecil Ray</u>	13 3/8	927.60	927.60	944.00
Inspector	<u>Brian Harris</u>	13 3/8	927.60	927.60	944.00
Permit Issued	<u>1/24/2011</u>	9 5/8	2539.50	2,539.50	956.99
Well Work Commenced	<u>2/2/2011</u>	5 1/2	11914.00	11,914.00	432.30
Well Work Completed	<u>9/4/2011</u>	5 1/2	11914.00	11,914.00	921.30
Verbal Plugging			42.00	42.00	
Rotary Rig	<u>X</u> Rotary Rig		11914.00	11,914.00	432.30
Total Depth			11914.00	11,914.00	921.30

TVD 7493'

Type From

*Not Reported*

**RECEIVED**  
 Office of Oil & Gas  
 OCT 12 2011  
 WV Department of  
 Environmental Protection

Type	From		
Red Rock	220.00 ft. -	230.00	ft.
Red Rock	250.00 ft. -	265.00	ft.
Red Rock	280.00 ft. -	290.00	ft.
Red Rock	330.00 ft. -	350.00	ft.
Coal	403.00 ft. -	406.00	ft.
Coal	675.00 ft. -	677.00	ft.
Red Rock	993.00 ft. -	996.00	ft.
Shale	6,958.00 ft. -	7,072.00	ft.
Shale	7,072.00 ft. -	7,173.00	ft.
Shale	7,173.00 ft. -	7,219.00	ft.
Limestone	7,219.00 ft. -	7,276.00	ft.
Shale	7,276.00 ft. -	7,401.00	ft.
Shale	7,401.00 ft. -	7,461.00	ft.
Limestone	7,461.00 ft. -	7,489.00	ft.
Limestone	7,489.00 ft. -		ft.

Producing Formation

MARCELLUS

Gas: Initial Open Flow

Final Open Flow 4416 MCF/D

10/14/2011

Static Rock Pressure 872 PSI

NOTE: On back of this form put the following

- 1) Details of Perforated intervals, fracturing or stimulating, physical change, etc.
- 2) The well log, a systematic detailed geological record of all formations including coal encountered in the well bore

By  
Date

For EQT Production Company

*Mike Probst*

10-4-2011

### Formation record

Formation Name	Top	Bottom	Thickness
Speechley	3,076.62	3,410.44	333.82
Bradford	3,410.44	3,581.44	171.00
Riley	3,790.33	4,427.19	636.86
Benson	4,427.19	6,644.14	2,216.95
Sonyea	6,644.14	6,951.06	306.92
Middlesex	6,951.06	7,065.56	114.50
Genesee	7,065.56	7,169.60	104.04
Geneseo	7,169.60	7,214.00	44.40
Tully	7,214.00	7,274.00	60.00
Hamilton	7,274.00	7,405.26	131.26
Marcellus	7,405.26	7,467.02	61.76
Purcell	7,467.02	7,500.75	33.73
Cherry Valley	7,500.75		

### Gas Tests

Depth	Gas	Comments
0.00		0

10/14/2011

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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Stage	Formation	Frac Type				
1	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
7/21/2011	11633 - 11875		7,817.00	8,146.00	5 Min: 5258	
					10 Min: 5076	
					15 Min: 4971	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
97.00	8,552.00	5,739.00	1.1			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
380,394.00	9,938.00		2,000.00			

Stage	Formation	Frac Type				
2	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
7/22/2011	11333 - 11575		6,725.00	7,912.00	5 Min: 5216	
					10 Min: 5106	
					15 Min: 5005	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
94.00	9,472.00	5,561.00	1.18			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
404,714.00	11,011.00		2,000.00			

Stage	Formation	Frac Type				
3	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
7/22/2011	11033 - 11275		7,125.00	7,621.00	5 Min: 5586	
					10 Min: 5504	
					15 Min: 5442	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
96.00	7,986.00	5,876.00	1.21			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
405,429.00	10,282.00		2,000.00			

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>			
4	MARCELLUS	Slickwater			
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>
7/23/2011	10733 - 10975		6,016.00	7,747.00	5 Min: 5731
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 5725
99.00	7,966.00	5,870.00	1.22		15 Min: 5614
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
407,411.00	11,046.00		2,000.00		

<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>			
5	MARCELLUS	Slickwater			
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>
7/23/2011	10433 - 10675		6,230.00	7,709.00	5 Min: 5775
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 5710
101.00	8,020.00	5,830.00	1.21		15 Min: 5680
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
410,620.00	10,296.00		2,000.00		

<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>			
6	MARCELLUS	Slickwater			
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>
7/24/2011	10133 - 10375		6,300.00	7,539.00	5 Min: 5617
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 5445
97.00	7,947.00	5,871.00	1.22		15 Min: 5341
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
407,226.00	10,258.00		2,000.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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Stage	Formation	Frac Type				
7	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
7/24/2011	9833 - 10075		6,902.00	7,418.00	5 Min: 5769	
					10 Min: 5663	
					15 Min: 5594	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
90.00	8,402.00	6,040.00	1.24			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
405,587.00	11,414.00		2,000.00			

Stage	Formation	Frac Type				
8	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
7/25/2011	9533 - 9775		7,255.00	7,942.00	5 Min: 5441	
					10 Min: 5383	
					15 Min: 5321	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
99.00	8,236.00	5,664.00	1.19			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
404,930.00	9,998.00		2,000.00			

Stage	Formation	Frac Type				
9	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
7/25/2011	4475 - 9233		7,745.00	7,667.00	5 Min: 5609	
					10 Min: 5325	
					15 Min: 5132	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
96.00	8,243.00	5,953.00	1.22			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
402,459.00	11,260.00		2,000.00			

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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Stage	Formation	Frac Type				
10	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
7/25/2011	8933 - 9175		7,457.00	7,696.00	5 Min: 5862	
					10 Min: 5730	
					15 Min: 5598	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.00	7,987.00	6,357.00	1.28			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
407,320.00	10,178.00		2,000.00			

Stage	Formation	Frac Type				
11	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
7/26/2011	8633 - 8875		7,047.00	7,708.00	5 Min: 5864	
					10 Min: 5760	
					15 Min: 5601	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
94.00	8,547.00	6,210.00	1.26			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
405,573.00	10,015.00		2,000.00			

Stage	Formation	Frac Type				
12	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
7/26/2011	8333 - 8575		6,929.00	7,575.00	5 Min: 5512	
					10 Min: 5375	
					15 Min: 5228	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.00	8,164.00	5,841.00	1.12			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
403,746.00	9,781.00		2,000.00			

EQT WR-35		Completion	Attachment	Well	Treatment	Summary
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
13	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
7/26/2011	8033 - 8275		7,284.00	7,570.00	5 Min: 5430	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 5166	
101.00	7,996.00	5,598.00	1.18		15 Min: 5096	
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
412,547.00	9,977.00		2,000.00			

<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
14	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
7/27/2011	7883 - 8005		7,392.00	7,718.00	5 Min:	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min:	
100.00	7,979.00	4,699.00	1.2		15 Min:	
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
181,946.00	5,060.00		2,000.00			